

Title (en)

Ink-jet recording medium containing a vanadyl salt

Title (de)

Tintenstrahlaufzeichnungsmaterial, das ein Vanadiumsalz enthält

Title (fr)

Matériau d'enregistrement par jet d'encre contenant un sel du vanadium

Publication

EP 0704316 A1 19960403 (EN)

Application

EP 95420268 A 19950925

Priority

US 31580894 A 19940930

Abstract (en)

A recording medium for ink-jet printing which comprises a transparent or an opaque support having on at least one surface thereof an ink-receptive layer that can be imaged by the application of liquid ink droplets applied thereto which comprises at least one ink-absorbent polymer or resin and from 0.001 to 5.0 percent by weight, based on the total weight of the ink-receptive layer, of a vanadyl salt of the formula: $n\text{AV}=\text{O}\text{U}^{<+><2>}\text{mX}^{<->}$ wherein X is an acid anion, a is 1, 2 or 3 and n and m satisfy the relationship $2n = am$. The ink-receptive layer substantially reduces or prevents images formed thereon with inks containing triarylmethane dyes from fading and/or distorting.

IPC 1-7

B41M 5/00

IPC 8 full level

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CPC (source: EP)

B41M 5/5218 (2013.01); **B41M 5/506** (2013.01); **B41M 5/508** (2013.01); **B41M 5/52** (2013.01); **B41M 5/5254** (2013.01); **B41M 5/5272** (2013.01); **B41M 2205/38** (2013.01)

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